Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 23 Feb 2021 until 23:59 on Wednesday 24 Feb 2021

Forecast Issued on Tuesday 23 Feb 2021 at 02:33

Confidence: High for windy conditions Tuesday and Wednesday and rain at times, and for more settled conditions later in week, but Low for details on amounts of rainfall and timings.

Headline for Tuesday 23 Feb 2021: Some bright spells but a mostly cloudy day with patchy rain. Windy but mild.

Mountain weather hazards on Tuesday 23 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
40%	50%	70%	30%	30%	60m

Forecast for Tuesday 23 Feb 2021

Weather: Any patchy mist or fog in valleys will clear overnight as cloud amounts increase and winds strengthen. Then a generally cloudy day, some brightness but also patchy rain. Perhaps some heavier outbreaks and becoming more persistent in evening

Chance of cloud free mountain/hill tops above 600m: 90% in early hours, 40 % by morning, but 10% in west at times and more generally after dark.

Visibility: Poor or very poor in mist and fog in early hours, otherwise good occasionally moderate beneath cloud, but broken cloud down to 600m by the morning and lowing to 400-500m at times in rain in west and more generally in evening, bringing poor visibility at height

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Mountain Weather Forecast

Forecast for Tuesday 23 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/38 S	34/43 S	35/46 S	31/43 S	32/44 S	32/44 S	31/44 S
300	17/40 S	15/37 S	15/34 S	17/39 S	18/40 S	18/39 S	18/39 S
Valley	11/32 S	13/36 S	16/37 S	15/37 S	16/37 S	16/37 S	16/37 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	4/-3	5/-1	6/1	7/1	6/1	7/1
300	5/-0	6/2	8/4	9/5	9/5	9/5	9/5
Valley	7/4	8/5	9/6	10/7	10/7	10/7	10/7
Freezing Level*	1500m	2600m	2100m	2600m	2500m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height with some chill effect, but generally mild. Some very strong gusty winds on lower leeward slopes as well. Strength of wind will bring risk of being blown over.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 23 Feb 2021	1.2mm	5.8mm	11mm

Forecast for Wednesday 24 Feb 2021

Weather: Cloudy, mild and windy with outbreaks of rain. Some heavier outbreaks in afternoon and evening and more persistent too, before clearing to showers late evening.

Maximum wind: South to southwest 25-30 gust 40mph, but 40 gust 55mph over higher tops, turning west and decreasing 20-25 gust 35mph late evening.

Chance of cloud free mountain/hill tops above 600m: 30% in east, but 10% in west

Visibility: Poor at height with extensive cloud above 500-600m, but lower in rain in west. Moderate occasionally poor beneath cloud too.

Temperature: **Valleys:** Plus 8C rising to 12C falling to plus 6C later
At 600m: Plus 8C falling to plus 4C later
Freezing level: Above the summits

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